### ATENT COOPERATION TREAT

#### From the INTERNATIONAL BUREAU

## PCT

SECOND AND SUPPLEMENTARY NOTICE INFORMING THE APPLICANT OF THE COMMUNICATION OF THE INTERNATIONAL APPLICATION (TO DESIGNATED OFFICES WHICH APPLY THE 30 MONTH TIME LIMIT UNDER ARTICLE 22(1))

(PCT Rule 47.1(c))

CASTEL, Benoît c/o Young & Thompson 745 South 23rd Street Arlington, VA 22202 ETATS-UNIS D'AMERIQUE

Date of mailing (day/month/year) 15 September 2005 (15.09.2005)

Applicant's or agent's file reference 5504-1189

IMPORTANT NOTICE

International application No. PCT/US2004/015079

International filing date (day/month/year)
13 May 2004 (13.05.2004)

Priority date (day/month/year)
15 May 2003 (15.05.2003)

Applicant

OSRAM SYLVANIA INC. et al

- ATTENTION: For any designated Office(s), for which the time limit under Article 22(1), as in force from 1 April 2002 (30 months from the priority date). does not apply, please see Form PCT/IB/308(First Notice) issued previously.
- Notice is hereby given that the following designated Office(s), for which the time limit under Article 22(1), as in force from 1 April 2002, does apply, has/have requested that the communication of the international application, as provided for in Article 20, be effected under Rule 93bis.1. The International Bureau has effected that communication on the date indicated below:
   02 December 2004 (02.12.2004)
  - AU, AZ, BY, CN, CO, DZ, EP, HU, KG, KP, KR, MD, MK, MZ, NA, RU, SY, TM, US

In accordance with Rule 47.1(c-bis)(i), those Offices will accept the present notice as conclusive evidence that the communication of the international application has duly taken place on the date of mailing indicated above and no copy of the international application is required to be furnished by the applicant to the designated Office(s).

3. The following designated Offices, for which the time limit under Article 22(1), as in force from 1 April 2002, does apply, have not requested, as at the time of mailing of the present notice, that the communication of the international application be effected under Rule 93bis.1:

AE, AG, AL, AM, AP, AT, BA, BB, BG, BR, BW, BZ, CA, CR, CU, CZ, DE, DK, DM, EA, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, ID, IL, IN, IS, JP, KE, KZ, LC, LK, LR, LS, LT, LV, MA, MG, MN, MW, MX, NI, NO, NZ, OA, OM, PG, PH, PL, PT, RO, SC, SD, SG, SK, SL, TJ, TN, TR, TT, UA, UZ, VC, VN, YU, ZA, ZW

In accordance with Rule 47.1(c-bis)(ii), those Offices accept the present notice as conclusive evidence that the Contracting State for which that Office acts as a designated Office does not require the furnishing, under Article 22, by the applicant of a copy of the international application.

4. TIME LIMITS for entry into the national phase

For the designated or elected Office(s) listed above, the applicable time limit for entering the national phase will, subject to what is said in the following paragraph, be 30 MONTHS from the priority date.

In practice, time limits other than the 30-month time limit will continue to apply, for various periods of time, in respect of certain of the designated or elected Office(s) listed above. For regular updates on the applicable time limits (30 or 31 months, or other time limit). Office by Office, refer to the PCT Gazette, the PCT Newsletter and the PCT Applicant's Guide, Volume II, National Chapters, all available from WIPO's Internet site, at http://www.wipo.int/pct/en/index.html.

It is the applicant's sole responsibility to monitor all these time limits.

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland

Authorized officer

Agnes Wittmann-Regis

Facsimile No.+41 22 740 14 35

Facsimile No.+41 22 338 89 70

## PATENT COOPERATION TREATY

#### PCT

#### NOTIFICATION CONCERNING SUBMISSION OR TRANSMITTAL OF PRIORITY DOCUMENT

(PCT Administrative Instructions, Section 411)

#### From the INTERNATIONAL BUREAU

To

CASTEL, Benoît c/o Young & Thompson 745 South 23rd Street Arlington, VA 22202 United States of America

Date of mailing (day/month/year) 08 July 2004 (08.07.2004)	
Applicant's or agent's file reference 5504-1189	IMPORTANT NOTIFICATION
International application No. PCT/US2004/015079	International filing date (day/month/year) 13 May 2004 (13.05.2004)
International publication date (day/month/year)  Not yet published	Priority date (day/month/year) 15 May 2003 (15.05.2003)
Applicant	
OSRAM SYLVANIA INC. et al	

- 1. By means of this Form, which replaces any previously issued notification concerning submission or transmittal of priority documents, the applicant is hereby notified of the date of receipt by the International Bureau of the priority document(s) relating to all earlier application(s) whose priority is claimed. Unless otherwise indicated by the letters "NR", in the right-hand column or by an asterisk appearing next to a date of receipt, the priority document concerned was submitted or transmitted to the International Bureau in compliance with Rule 17.1(a) or (b).
- 2. (If applicable) The letters "NR" appearing in the right-hand column denote a priority document which, on the date of mailing of this Form, had not yet been received by the International Bureau under Rule 17.1(a) or (b). Where, under Rule 17.1(a), the priority document must be submitted by the applicant to the receiving Office or the International Bureau, but the applicant fails to submit the priority document within the applicable time limit under that Rule, the attention of the applicant is directed to Rule 17.1(c) which provides that no designated Office may disregard the priority claim concerned before giving the applicant an opportunity, upon entry into the national phase, to furnish the priority document within a time limit which is reasonable under the circumstances.
- 3. (If applicable) An asterisk(\*) appearing next to a date of receipt, in the right-hand column, denotes a priority document submitted or transmitted to the International Bureau but not in compliance with Rule 17.1(a) or (b) (the priority document was received after the time limit prescribed in Rule 17.1(a) or the request to prepare and transmit the priority document was submitted to the receiving Office after the applicable time limit under Rule 17.1(b)). Even though the priority document was not furnished in compliance with Rule 17.1(a) or (b), the International Bureau will nevertheless transmit a copy of the document to the designated Offices, for their consideration. In case such a copy is not accepted by the designated Office as priority document, Rule 17.1(c) provides that no designated Office may disregard the priority claim concerned before giving the applicant an opportunity, upon entry into the national phase, to furnish the priority document within a time limit which is reasonable under the circumstances.

. <u>Priority date</u>	Priority application No.	Country or regional Office or PCT receiving Office	Date of receipt of priority document
15 May 2003 (15.05.2003)	60/470,635	•	1 July 2004 (01.07.2004)
15 May 2003 (15.05.2003)	60/470,734		1 July 2004 (01.07.2004)

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland	Authorized officer  Javier CALDERON (Fax 338 8970)
Facsimile No. (41-22) 338.89.70	Telephone No. (41-22) 338 8567

## PATENT COOPERATION TREATY

## **PCT**

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicar 5504-118	it's or agent's file reference 39	FOR FURTHER ACTION		cation of Transmittal of International Search Report T/ISA/220) as well as, where applicable, item 5
	onal application No. 04/15079	International filing date (day/mon 13 May 2004 (13.05.2004)	th/year)	(Earliest) Priority Date (day/month/year) 15 May 2003 (15.05.2003)
Applican CHAU,	ıt CHUNG-NIN			
applican	t according to Article 18. A co	py is being transmitted to the Inte	ernational	
1. Basi	language in which it was filed	, unless otherwise indicated under	this item.	e basis of the international application in the
b.	Authority (Rule 23.1(b)).	e and/or amino acid sequence disc		ne international application furnished to this ne international application, the international
	contained in the internation	al application in written form.		
	filed together with the inter	national application in computer re	adable for	m.
<u>_</u>	furnished subsequently to the	nis Authority in written form.		
	furnished subsequently to the	ais Authority in computer readable	form.	
L	the statement that the subse international application as		listing do	es not go beyond the disclosure in the
	the statement that the information been furnished.	nation recorded in computer readal	ble form is	s identical to the written sequence listing has
2.	Certain claims were found	l unsearchable (See Box I).		
3.	Unity of invention is lacking	ng (See Box II).		
4. Wi	ith regard to the title, the text is approved as subm	nitted by the applicant		
. =	i .	d by this Authority to read as follo	ws:	
	<b></b>	- •, ······		
5. <u>Wi</u>	th regard to the abstract,			
$\geq$	the text is approved as subm	nitted by the applicant.		•
				ty as it appears in Box III. The applicant rch report, submit comments to this
6. <u>Th</u>	e figure of the drawings to be pu	blished with the abstract is Figure	No. <u>1</u>	
igtriangle	as suggested by the applican	nt.		None of the figures
	because the applicant failed	to suggest a figure.		
	because this figure better cl	naracterizes the invention.		

Form PCT/ISA/210 (first sheet) (July 1998)

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/15079

	SSIFICATION OF SUBJECT MATTER		
IPC(7) US CL	: H01J 1/62, 63/04; C09K 11/64 : 313/486; 252/301.4r		•
According to	International Patent Classification (IPC) or to both i	national classification and IPC	
B. FIEL	DS SEARCHED		
	cumentation searched (classification system followed 13/486,487,489; 252/301.4r	by classification symbols)	
Documentation	on searched other than minimum documentation to th	e extent that such documents are included	d in the fields searched
Electronic da	ta base consulted during the international search (nat	ne of data base and, where practicable, s	earch terms used)
	UMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where a	ppropriate, of the relevant passages	Relevant to claim No.
A	US 3,670,194 A (Thornton et al) 13 June 1972 (13	06.1972).	1-20
Α	US 4,733,126 A (Yamakawa et al) 22 March 1988	(22.03.88).	1-20
Α	US 4,827,187 A (Verlijsdonk) 2 May 1989 (02.05.	1-20	
A	US 5,471,113 (De Backer et al) 28, November 199	5 (28.11.1995).	1-20
Α .	US 2002/0025901 A1 (Ono et al) 28 February 2002	2 (28.02.2002).	1-20
Eventhon	documents are listed in the continuation of Box C.	See patent family annex.	
	pecial categories of cited documents:	"T" later document published after the inte	rnational filing date or priority
"A" document	defining the general state of the art which is not considered to be	date and not in conflict with the applic principle or theory underlying the inve	ation but cited to understand the
	plication or patent published on or after the international filing date	"X" document of particular relevance; the considered novel or cannot be conside when the document is taken alone	
establish ( specified)	•	"Y" document of particular relevance; the considered to involve an inventive step combined with one or more other sucl	o when the document is a documents, such combination
"O" document	referring to an oral disclosure, use, exhibition or other means	being obvious to a person skilled in th	e an
	published prior to the international filing date but later than the ate claimed	"&" document member of the same patent	family -
	ctual completion of the international search	Date of mailing of the international sea	rch report
	2005 (01.02.2005) ailing address of the ISA/US	Authorized officer	
Mai	l Stop PCT, Attn: ISA/US	JOSEI JOSEI	H WILLIAMS
	nmissioner for Patents . Box 1450	Peter J Macchiarolo	RY EXAMINER
Ale	. BOX 1430 xandria, Virginia 22313-1450 o. (703) 305-3230	Telephone No. (571) 272-1500	pythwellin

Form PCT/ISA/210 (second sheet) (July 1998)

## . ATENT COOPERATION TREATY

From the INTERNAT	IONAL SEARCI	ING AUTH	ORITY			
745 SOUT	CASTEL NG & THOMPSO TH 23RD STREE TON, VA 22202					NION OF THE
				INTERNATIO	JNAL SEAR	CHING AUTHORITY
					(PCT Rule	e 43 <i>bis</i> .1)
				Date of mailing (day/manth/year)	21 MF	AR 2005
''	s or agent's file r	eference		FOR FURTHER	ACTION See paragraph 2	2 below
5504-1189 Internation	al application No	<u> </u>	International filing date	(dav/month/vear)	Priority date (	day/month/year)
	••					
Internation		cation (IPC)	13 May 2004 (13.05.200 or both national classificati		15 May 2003	(13.03.2003)
			nd US Cl.: 313/486; 252/30			
Applicant	713 1/02, 03/04, C	09K 11/04 a	iu O3 CI 313/480, 232/30	71.41	· · · · · · · · · · · · · · · · · · ·	
CHAUCE	-TUNG-NIN					
C.E.t., C.						
1. This o	pinion contains ir	ndications rel	ating to the following items	s:		
	Box No. I	Basis of the	opinion			
│	Box No. II	Priority				
	Box No. III	Non-establi	ishment of opinion with reg	gard to novelty, inver	ntive step and in	dustrial applicability
	Box No. IV	Lack of uni	ity of invention			
	Box No. V		statement under Rule 43 <i>bis.</i> y; citations and explanation			tive step or industrial
	Box No. VI	Certain documents cited				
	Box No. VII	II Certain defects in the international application				
Box No. VIII Certain observations on the international application						
2. FUR'	THER ACTIO	Ň				
Interna Autho	ational Prelimina rity other than th	ry Examinin is one to be	ig Authority ("IPEA") ex	cept that this does IPEA has notified th	not apply who le International	to be a written opinion of the ere the applicant chooses an Bureau under Rule 66.1 bis(b)
IPEA of For	a written reply to	gether, wher or before the	e appropriate, with amenda expiration of 22 months fro	ments, before the ex	piration of 3 mo	ant is invited to submit to the onths from the date of mailing res later.
3. For fu	rther details, see i	notės to Form	PCT/ISA/220.			
Name and	mailing address o	f the ISA/ US	3	Authorized office	<u></u> г	
N	fail Stop PCT, Attn	: ISA/US		Peter J. Macchian	olo ·	JOSEPH WILLIAMS
P	ommissioner for Pa .O. Box 1450					PRIMARY EXAMINER  ///////////////////////////////////
	Jexandria, Virginia No. (703) 305-323			Telephone No. (5	71) 272-1500	ין איני איין איני עריי

Form PCT/ISA/237 (cover sheet) (January 2004)

# WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.

PCT/US04/15079

Box No	o. I Basis of this opinion
1. With a	regard to the language, this opinion has been established on the basis of the international application in the language in which it iled, unless otherwise indicated under this item.
	This opinion has been established on the basis of a translation from the original language into the following language, which is the language of a translation furnished for the purposes of international search (under Rules 12.3 and 23.1(b)).
2. With invent	regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed tion, this opinion has been established on the basis of:
a.	type of material
	a sequence listing
	table(s) related to the sequence listing
b.	format of material
	in written format
•	in computer readable form
C.	time of filing/furnishing
	contained in international application as filed.
	filed together with the international application in computer readable form.
	furnished subsequently to this Authority for the purposes of search.
3.	In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
4. Addit	tional comments:
	·

# WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No. PCT/US04/15079

Statement		
Novelty (N')	Claims 1-20	YE
	Claims NONE	).TC
Inventive step (IS)	Claims 1-20	YE
•	Claims NONE	NC
Industrial applicability (IA)	Claims 1-20	YE
modstrial application (IA)	Claims NONE	NC
	Claus NONE	
itations and explanations:	le 33(2)-(3), because the prior art does not teac	h or foirly suggest a VIIV-evoited
ms 1-20 meet the criteria set out in PC1 Artic ce including a phosphor coating containing a	europium-activated, calcium-substituted barium	h hexa-aluminate phosphor.
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